bcc:

L.Burbicka/D.Nelson

N.Shiplev

R.C.Martini

G.Grundmann/K.Lichtenheld MONSanto

L. Kreh

Monsanto Company Corporate Engineering Separtment Sauget, Illinois 52201

July 25, 1985

J.S. Alberici Construction Co. 2150 Kienlen Avenue St. Louis, Mo. 63121

Attention: Mr. Bill Koester Subject: WGK Sewer Project

Recent observation of the installation of 42" VCP line between M.H. 1-EE and 2-AA has revealed several areas of concern.

We discussed the pre-alignment of pipe with Chris Lotz and learned he has arbitrarily decided not to meet this requirement of the specification.

All pipe is to be pre-aligned according to the specifications and various correspondence between Alberici and Monsnato. Additionally once pipe surfaces which are mortared come in contact with one another there is to be no movement (side to side & up and down) other than the "straight ahead" movement necessary to complete the joint in accordance with the specifications and past correspondence.

Warm weather installation of joint material has become a problem. The joints are exhibiting a unacceptable growth due to the exothermic reaction in warm weather. Various alternatives to this problem have been discussed in the past.

As immediate remedy we recommend at least going to the "3 pass" system of joint installation. We are open to an evaluation of the alternates which will provide a properly installed joint.

We expect Alberici to conform to the specifications for this project. Any deviation from the specifications requires formal approval of CED Construction Supt. and W.G. Krummrich Plant MR.

Please let me know as soon as possible hou you intend to resolve these concerns.

> Bruce W. Steketee Site Construction Manager

BWS/acg

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